

INTERNATIONAL SEARCH REPORT

PCT/US 03/06334

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N27/447

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 989 399 A (WU CHUNHUNG ET AL) 23 November 1999 (1999-11-23) column 4, line 14 - line 34 ---	1-13
Y	WO 00 42423 A (SPECTRUMEDIX CORP ; LI QINGBO (US); LIU CHANGSHENG (US)) 20 July 2000 (2000-07-20) page 5, line 28 page 7, line 22 - page 9, line 28 page 13, line 25 - line 30 ---	1-13
A	WO 01 09204 A (CHARMOT DOMINIQUE ; BENOIT DIDIER (US); KLAERNER GERRIT (US); PETRO) 8 February 2001 (2001-02-08) page 1, line 25 - line 34 --- -/-	1

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the International search

28 July 2003

Date of mailing of the International search report

04/08/2003

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PC1/US 03/U6334

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 149 416 A (OSTERHOUDT HANS W ET AL) 22 September 1992 (1992-09-22) column 7, line 36 -column 8, line 28 ----	1
A	WO 01 14437 A (CHIARI MARCELLA) 1 March 2001 (2001-03-01) page 3, line 20 -page 4, line 18 abstract ----	1
A	FR 2 811 083 A (INST CURIE) 4 January 2002 (2002-01-04) claim 1 -----	1

INTERNATIONAL SEARCH REPORT

PCT/US 03/06334

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5989399	A	23-11-1999	US 6001232 A AU 4409897 A WO 9810274 A1	14-12-1999 26-03-1998 12-03-1998
WO 0042423	A	20-07-2000	CA 2358480 A1 EP 1151287 A1 WO 0042423 A1 US 2001023827 A1	20-07-2000 07-11-2001 20-07-2000 27-09-2001
WO 0109204	A	08-02-2001	AU 5785400 A CA 2377739 A1 EP 1208126 A1 WO 0102452 A1 WO 0109204 A2 US 2002001845 A1	22-01-2001 11-01-2001 29-05-2002 11-01-2001 08-02-2001 03-01-2002
US 5149416	A	22-09-1992	AT 99709 T CA 2030781 A1 DE 69005763 D1 DE 69005763 T2 EP 0419652 A1 JP 3505606 T WO 9012820 A1	15-01-1994 19-10-1990 17-02-1994 28-07-1994 03-04-1991 05-12-1991 01-11-1990
WO 0114437	A	01-03-2001	AU 6768700 A AU 7278400 A CA 2381206 A1 WO 0114437 A1 EP 1210440 A1 EP 1218426 A1 JP 2003507543 T JP 2003507072 T WO 0114568 A1 US 6410668 B1	19-03-2001 19-03-2001 01-03-2001 01-03-2001 05-06-2002 03-07-2002 25-02-2003 25-02-2003 01-03-2001 25-06-2002
FR 2811083	A	04-01-2002	FR 2811083 A1 AU 7072501 A CA 2414295 A1 EP 1295113 A2 WO 0201218 A2	04-01-2002 08-01-2002 03-01-2002 26-03-2003 03-01-2002